# Fall Deaths Among Older Adults (Age 65+)

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- •Most recent data (2014): 69.1 deaths per 100,000, including 170 deaths.
- •Trend over time: 2000-09: rising; 2009-14: flat
- •Description: Includes deaths from unintentional slipping, tripping, stumbling and falling (i.e. excluding assault and suicide) among adults age 65 and over
- •Healthy People 2020 Goal: 47 per 100,000 or lower

### Fall deaths among older adults (age 65+), King County, 2010-2014 average

|                       | Rate   | Lower CI          | Upper CI | Count per Year |
|-----------------------|--------|-------------------|----------|----------------|
| King County (age 65+) | 69.1   | 64.4              | 74.1     | 157            |
| AGE                   |        |                   |          |                |
| <18                   | N/A    | N/A               | NA       | NA             |
| 18-24                 | N/A    | N/A               | N/A      | N/A            |
| 25-44                 | N/A    | N/A               | N/A      | N/A            |
| 45-64                 | N/A    | N/A               | N/A      | N/A            |
| 65+                   | 69.1   | 64.4              | 74.1     | 157            |
| GENDER                |        |                   |          |                |
| Male                  | 76.0   | 68.5              | 84.0     | 76             |
| Female                | 63.7   | 57.7              | 70.2     | 82             |
| RACE/ETHNICITY        |        |                   |          |                |
| AIAN                  | *      | *                 | *        | *              |
| Asian                 | 45.3   | 35.0              | 57.7     | 13             |
| Black                 | 31.9   | 17.9              | 52.4     | 3              |
| Hispanic              | 33.1 § | 15.1 <sup>§</sup> | 62.4 §   | 2              |
| Multiple              | *      | *                 | *        | *              |
| NHPI                  | *      | *                 | *        | *              |
| White                 | 75.7   | 70.2              | 81.5     | 140            |
| NEIGHBORHOOD POVERTY  |        |                   |          |                |
| High                  | 54.0   | 42.4              | 67.9     | 15             |
| Medium                | 75.0   | 68.8              | 81.5     | 109            |
| Low                   | 58.0   | 49.4              | 67.8     | 32             |
| REGION                |        |                   |          | -              |
| East                  | 62.5   | 54.0              | 72.1     | 38             |
| North                 | 97.2   | 77.7              | 120.2    | 17             |
| Seattle               | 75.5   | 66.7              | 85.1     | 53             |
| South                 | 60.1   | 52.7              | 68.3     | 47             |
| STATE                 | ,      |                   |          |                |
| Washington State      | 80.5   | 77.9              | 83.2     | 724            |

#### Comparisons:

Higher than King County rate (yellow)

Lower than King County rate (green)

#### Notes:

Source: WAState DOH, Center for Health Statistics, Death Certificates

Prepared by Public Health - Seattle & King County, APDE, 08/2016.

'Rate = cases per 100,000 population, age-adjusted to the 2000 US population.

N/A: Not available.

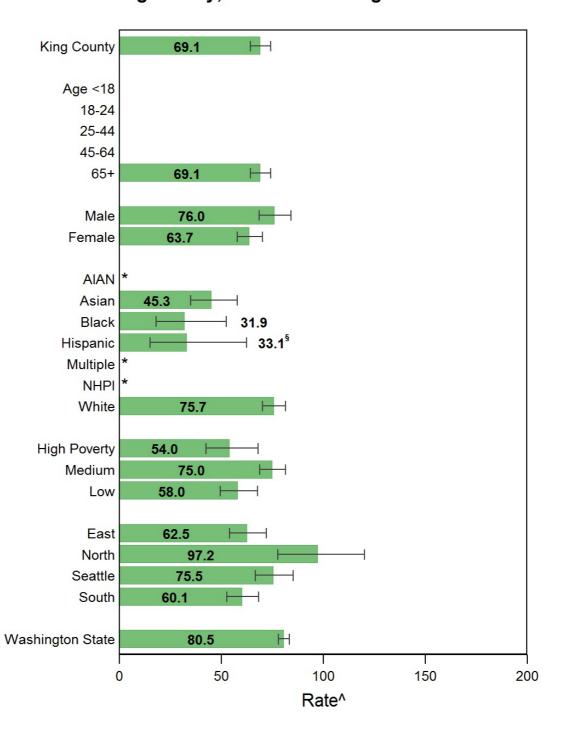
CI is 95% Confidence Interval.

 $^{\star}$  Too few cases to protect confidentiality and/or report reliable rates.

§ Too few cases to meet precision standard, interpret with caution.

Persons of Hispanic ethnicity can be of any race and are included in the racial categories.

# Fall deaths among older adults (age 65+) King County, 2010-2014 average



Source: WA State DOH, Center for Health Statistics, Death Certificates. Prepared by Public Health - Seattle & King County, APDE, 08/2016. ^Rate = cases per 100,000 population, age-adjusted to the 2000 US population.

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Poverty = Neighborhood poverty levels defined by median household income.

<sup>|-----|</sup> Confidence interval shows range that includes true value 95% of the time.
\* Too few cases to protect confidentiality and/or report reliable rates.

## Fall deaths among older adults (age 65+) by health reporting areas, King County, 2010-2014 average

|                                  | Rate              | Lower CI          | Upper CI           | Count per Year |
|----------------------------------|-------------------|-------------------|--------------------|----------------|
| King County (age 65+)            | 69.1              | 64.4              | 74.1               | 157            |
| Auburn                           | 77.8              | 51.8              | 112.4              | 6              |
| Auburn-North                     | 88.3              | 54.0              | 136.2              | 4              |
| Auburn-South                     | 60 §              | 25.9 §            | 117.3 §            | 2              |
| Bear Creek/Carnation/Duvall      | 58.4              | 35.2              | 91.1               | 4              |
| Bellevue                         | 66.2              | 51.0              | 84.5               | 13             |
| Bellevue-Central                 | 66.1              | 37.8              | 107.1              | 3              |
| Bellevue-NE                      | 42.4 §            | 21.2 §            | 75.5 §             | 2              |
| Bellevue-South                   | 55.2              | 28.6              | 96.1               | 2              |
| Bellewe-West                     | 101.0             | 65.4              | 149.1              | 5              |
| Black Diamond/Enumclaw/SE County | 40.2              | 20.8              | 70                 | 2              |
| Bothell/Woodinville              | 149.2             | 101.5             | 211.9              | 6              |
| Burien                           | 56.5              | 33.0              | 90.3               | 3              |
| Covington/Maple Valley           | 45.6 §            | 22.8 §            | 81.3 §             | 2              |
| Des Moines/Normandy Park         | 102.8             | 69.9              | 145.9              | 6              |
| East Federal Way                 | 44.4 §            | 19.2 §            | 86.8 §             | 2              |
| Fairwood                         | *                 | *                 | *                  | *              |
| Federal Way                      | 59.0              | 39.5              | 84.7               | 6              |
| Fed Way-Central/Military Rd      | 62.2              | 37.5              | 97.0               | 4              |
| Fed Way-Dash Point/Woodmont      | 53.7 §            | 25.8 §            | 98.2 §             | 2              |
| Issaguah                         | 91.4              | 55.1              | 142.6              | 4              |
| Kenmore/LFP                      | 75.1              | 44.6              | 118.5              | 4              |
| Kent                             | 69.2              | 49.5              | 94.2               | 8              |
| Kent-East                        | 54.1 §            | 26.0 §            | 99.1 §             | 2              |
| Kent-SE                          | 93.4              | 60.5              | 137.9              | 5              |
| Kent-West                        |                   |                   |                    | 1              |
|                                  | 39.7 §            | 12.8 §            | 91.1 §             |                |
| Kirkland                         | 70.5              | 48.6              | 99.0               | 7              |
| Kirkland                         | 79.1              | 49.6              | 119.7              | 4              |
| Kirkland North                   | 57.9 §            | 28.9 §            | 103.1 §            | 2              |
| Mercer Isle/Pt Cities            | 75.0              | 47.6              | 112.4              | 5              |
| Newcastle/Four Creeks            | 43.9 §            | 18.9 §            | 85.8 §             | 2              |
| North Highline                   | 65.8 <sup>§</sup> | 24.1 <sup>§</sup> | 141.5 <sup>§</sup> | 1              |
| Redmond                          | 54.8              | 30.7              | 90.2               | 3              |
| Renton                           | 56.1              | 39.1              | 78.0               | 7              |
| Renton-East                      | 47.6 <sup>§</sup> | 19.1 <sup>§</sup> | 97.1 <sup>§</sup>  | 1              |
| Renton-North                     | 68.9              | 35.7              | 119.9              | 2              |
| Renton-South                     | 52.8              | 30.3              | 85.7               | 3              |
| Sammamish                        | 33.6 §            | 10.9 §            | 77.2 §             | 1              |
| SeaTac/Tukwila                   | 44.9 §            | 21.6 §            | 82.2 §             | 2              |
| Seattle                          | 75.5              | 66.7              | 85.1               | 53             |
| Ballard                          | 89.7              | 56.9              | 134.5              | 5              |
| Beacon/Gtown/S.Park              | 57.9              | 32.4              | 95.3               | 3              |
| Capitol Hill/E.lake              | 101.5             | 64.4              | 152.3              | 5              |
| Central Seattle                  | 64.7              | 37.0              | 104.9              | 3              |
| Delridge                         | 59.6 §            | 25.7 §            | 116.5 §            | 2              |
| Downtown                         | 78.9              | 50.6              | 117.3              | 5              |
| Fremont/Greenlake                | 82.2              | 47.1              | 133.3              | 3              |
| NE Seattle                       | 75.2              | 48.8              | 111.1              | 5              |
| North Seattle                    | 147.1             | 106.1             | 198.9              | 8              |
| NW Seattle                       | 70.5              | 43.7              | 107.7              | 4              |
| QA/Magnolia                      | 43.5              | 24.4              | 71.6               | 3              |
| SE Seattle                       | 33.4 §            | 15.3 §            | 63.0 §             | 2              |
| West Seattle                     | 78.2              | 52.9              | 111.7              | 6              |
| Shoreline                        | 84.4              | 59.1              | 116.8              | 7              |
| Snoqualmie/North Bend/Skykomish  | *                 | *                 | *                  | *              |
| Vashon Island                    | 78.8 §            | 34.0 §            | 154.0 §            | 2              |
| Comparisons:                     |                   |                   | 1                  |                |

#### Comparisons:

Higher than King County rate (yellow)
Lower than King County rate (green)

#### Notes:

Source: WAState DOH, Center for Health Statistics, Death Certificates.

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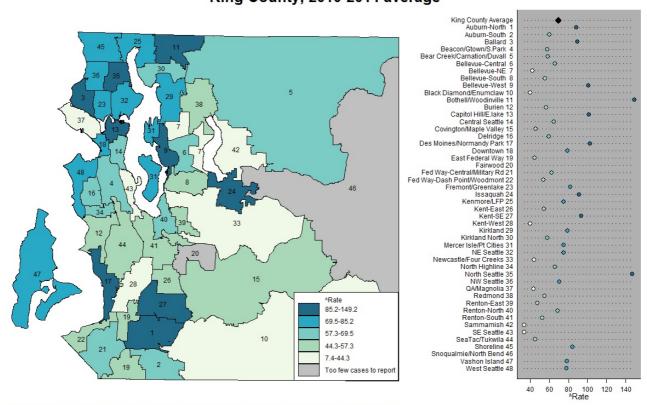
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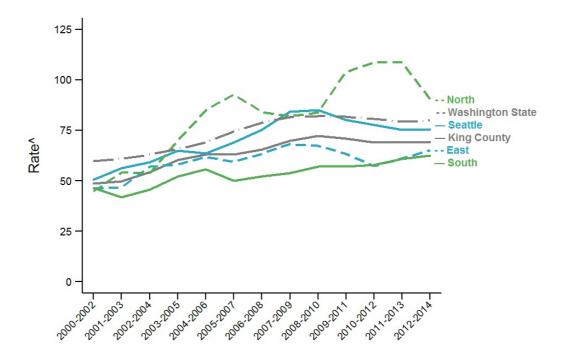


Note: HRA labels on the map match the chart on the right, listed in alphabetical order Source: WA State DOH, Center for Health Statistics, Death Certificates.

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# Fall deaths among older adults (age 65+) King County, 2000-2014, three-year rolling averages



^Rate = cases per 100,000 population, age-adjusted to the 2000 US population.
Trends over time: King County (2000-09: rising; 2009-14: flat); East KC (2000-14: rising); North KC (2000-14: rising);
Seattle (2000-09: rising; 2009-14: flat); South KC (2000-14: rising); Washington State (2000-14: flat)
Source: WA State DOH, Center for Health Statistics, Death Certificates.
Prepared by Public Health - Seattle & King County, APDE, 08/2016.

Produced by the

<u>Assessment, Policy Development & Evaluation Unit</u>

<u>Public Health - Seattle & King County</u>

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